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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Nicholas Nam

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EXAMINER

TRINH, TAN H

ART UNIT

PAPER NUMBER

2618

MAIL DATE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/816,584	Applicant(s) NAM, NICHOLAS	
	Examiner TAN TRINH	Art Unit 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 December 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>12-14-2007</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 12-14-2007, the information disclosure statement has been considered by the examiner.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 11-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Motohashi (U.S. Patent No. 7,202,885).

Regarding claims 11, 19 and 23, Motohashi teaches a mobile phone (111) (see fig. 1-2 and 9), comprising: native display (105), a processing unit (101 and 901); a local memory (102) of the mobile phone (111) coupled to the processing unit (101 and 901) (see fig. 1-2, and 9, col. 4, lines 50-65), the local memory (102) configured to store image signals for display (fig. 1-2, and 9, col. 4, lines 50-col. 5, lines 6); the interface (101 and 901) configured to perform format conversion (116) between image signal formats used within the mobile device (111) and external device (801 and 905) coupled to the mobile phone (111) (see fig. 1-2 and 8-9, col. 12, lines 49-50), the interface (101 and 901) configured to perform format conversion (116) between image

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signal formats used within the mobile phone (111) and at least one different image signal format utilized by the external device (801 and 905) (see figs. 1-2 and 8-9, col. 13, lines 1-50). In this case the different image signal is a moving picture and/or a still picture imaged. And the interface (101 and/or 901) being operative to converter (116) the format of image signals received from the external device (801 and /or 905) into a format compatible for use by the mobile phone (111) (see fig. 1-2 and 8-10, col. 12, lines 49-50 and col. 15, lines 8-50). In this case, the mobile (111) is receiving the digital image from digital image device (801 and/or 905) then processed using the converter (116) the format of image signals for processing stored (102) and display (105 and/or 904) and performed through the wireless transmission which is sent to the radio communication function portion 103 (see fig. 1-2, 8-10).

Regarding claim 12, Motohashi teaches wherein the at least one external device (801, 905) is selected from a group including a television (television phone 905), monitor (display 904), (CCD camera 104, video camera and camera 801), (see fig. 8-10, col. 5, lines 1-6 and col. 13, lines 1-50).

Regarding claims 13, 21 and 25, Motohashi teaches wherein the external device (104, 801, 905) is a video recording unit (Digital image device, digital camera or video camera), and the interface (digital interface 101 and/ or 901) converts video signals stored by the video recording unit into a format compatible for local storage (102) and display in the mobile phone (111) (fig. 1-2, 8-10, and, col. 4, lines 50-col. 5, lines 6 and col. 13, lines 1-50).

Regarding claims 14, 20 and 24, Motohashi teaches the external device (905) is a television comprising a display (904) and a storage unit (104) and the interface converts (902) video signals received from the storage unit (104) of the television into a format compatible for local storage (102) and display (105) in the mobile phone (111) (see fig. 9-10, col. 13, lines 22-50 and col. 14, lines 13-47 and col. 15, lines 8-50). In this case, the external device 905 is a television and the data exchange device. (Also see the applicant remarks page 7, for the function of device call television).

Regarding claims 15 and 22, Motohashi teaches wherein the mobile device (111) includes a transceiver (103 and /or 1001) and a baseband processing unit (901) coupled to the processing unit to provide wireless communication and the mobile device (111) is configured to permit video signals received from the external device (905) to be transmitted from the mobile phone (111) (see fig. 10, col. 15, lines 8-50).

Regarding claim 16, Motohashi teaches a camera (104) native to the mobile Phone (111) (see fig. 2, camera (104) can be camera native to the mobile device (111), col. 5, lines 1-6).

Regarding claim 17, Motohashi teaches the interface (101 and /or 901) is configured to convert (116) the format of video signals output from the mobile phone (111) into the image signal format of the external device (905) (see fig. 9-10, col. 13, lines 1-67 and col. 14, lines 13-47 and col. 15, lines 8-50). In this case, the video signals are the moving pictures or a still pictures signals.

Regarding claim 18, Motohashi teaches the interface (101 and/or 901, 1001) is coupled to the display (105 and /or 903) and to the processing unit (101 and 901) (see fig. 1-2 and 9-10, col. 4, lines 50-65). Since the control 101 is totally controls components of the mobile phone (111), so that the interface (101 and/or 901) is embedded in the control portion 101 and 901.

Regarding claims 26, 28 and 30, Motohashi inherently teaches one or more of the image signals are simultaneously displayed at the native display (105 and 903, 904) of the mobile phone (111) and at the external device (905) and (see fig. 9-10, col. 13, lines 22-50, and col. 14, lines 38-47). In this case, the controlling of the native display (105 and 903, 904) is same functions, so that the operating simultaneously can be provides depending on the user setting.

Regarding claim 27, 29 and 31, Motohashi teaches wherein one or more of the image signals are stored (102) for later display at the native display (105) of the mobile phone (111) (see fig. 1-2, 8-10, (see figs. 1-2 and 8-9, col. 4, lines 57-col. 5, lines 6, and col. 13, lines 1-50 and col. 14, lines 38-47). In this case, the stored and later display is also well known in the art.

Response to Arguments

4. Applicant's arguments, see remarks page 7, filed on 12-21-2007, with respect to claims 14, 20 and 24 have been fully considered and are persuasive. The rejection of 35 U.S.C. 112 second has been withdrawn.

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5. Applicant's arguments with respect to claims 11-31 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(571) 273-8300, (for Technology Center 2600 only)

*Hand-delivered responses should be brought to the Customer Service Window (now located at the **Randolph Building, 401 Dulany Street, Alexandria, VA 22314**).*

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan Trinh whose telephone number is (571) 272-7888. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiners supervisor, Anderson, Matthew D., can be reached at (571) 272-4177.

The fax phone number for the organization where this application or proceeding is assigned is **(571) 273-8300**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600 Customer Service Office** whose telephone number is **(703) 306-0377**.

9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tan H. Trinh
Division 2618
March 18, 2008

/TAN TRINH/
Primary Examiner, Art Unit 2618
03-19-2008